

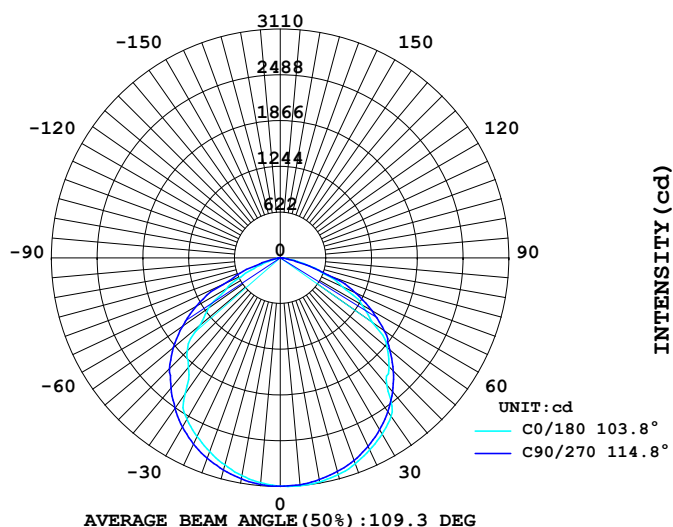
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

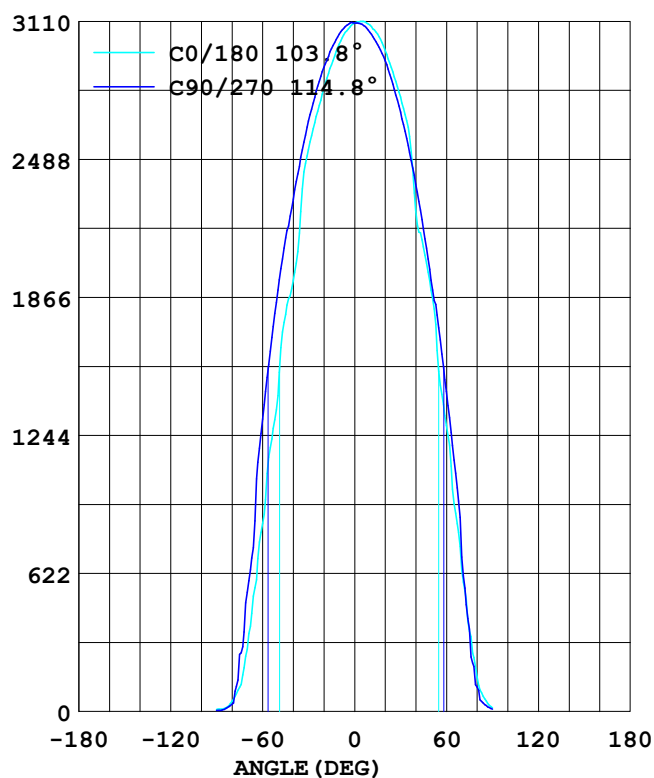
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes D	TYPE: IL-PO29D-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	3110	S/MH (C0/180)	1.22
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER(W)	64	TOTAL FLUX(lm)	8109.4	Voltage(V)	230.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	125.3	Current(A)	0.288
NOMINAL FLUX(lm)	8109.4	$\eta$ up (%)	0.0	Power(W)	64.72
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.971
TEST VOLTAGE (V)	230.9	Effective Flux(lm)	8109.4	EEI	0.120

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



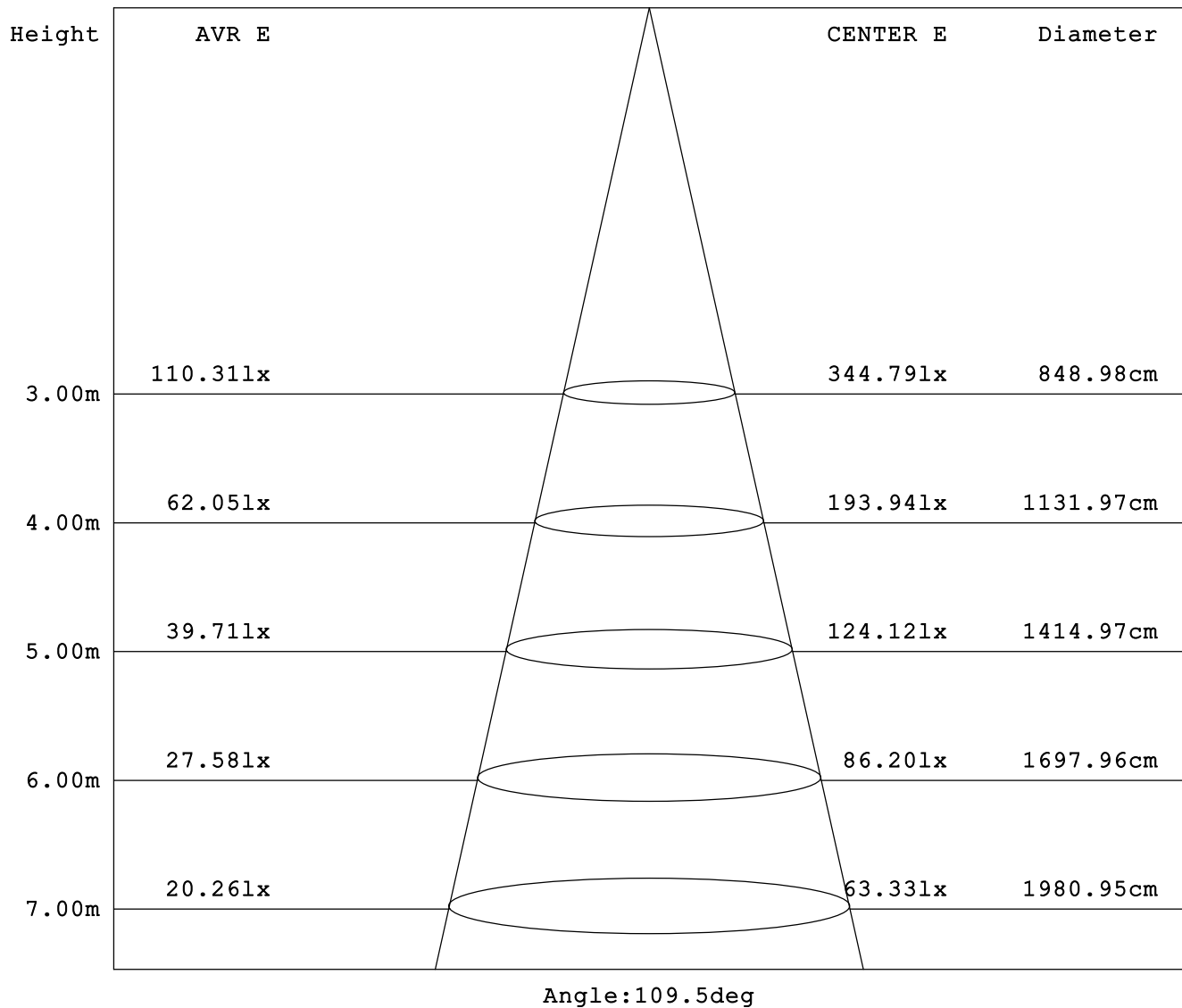
Test System:  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2025.07.01

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 10.000 m  
 Remarks:

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes D	TYPE: IL-PO29D-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:



Test System:  
Temperature: 25.3DEG  
Operators:  
Test Date: 2025.07.01

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity: 65.0%  
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Remarks:

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes D	TYPE: IL-PO29D-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	3068	3083	3092	3090	3110	3101	3096	3095	0- 5	74.07	74.07
10.0	3007	3035	3052	3050	3093	3074	3061	3059	5- 10	219.8	293.9
15.0	2914	2959	2986	2981	3053	3026	3007	3004	10- 15	358.6	652.5
20.0	2805	2859	2902	2889	2978	2954	2932	2919	15- 20	486.0	1139
25.0	2681	2738	2794	2779	2882	2849	2828	2808	20- 25	597.7	1736
30.0	2533	2592	2661	2640	2769	2724	2701	2674	25- 30	690.2	2427
35.0	2253	2429	2498	2442	2632	2575	2549	2520	30- 35	759.8	3187
40.0	1944	2235	2309	2198	2260	2400	2377	2346	35- 40	793.0	3980
45.0	1789	1935	2134	1998	2095	2099	2176	2085	40- 45	795.7	4775
50.0	1424	1728	1899	1743	1899	1922	1944	1857	45- 50	776.7	5552
55.0	1190	1435	1624	1393	1533	1691	1730	1622	50- 55	725.6	6278
60.0	847.1	1095	1318	1134	1289	1296	1442	1233	55- 60	631.8	6910
65.0	557.9	776.5	858.7	793.5	937.4	1030	1133	960.9	60- 65	508.8	7418
70.0	280.8	416.8	537.1	458.7	638.5	711.0	695.6	640.4	65- 70	362.5	7781
75.0	108.8	163.4	257.0	190.0	362.8	355.9	371.9	312.7	70- 75	206.6	7988
80.0	45.12	45.60	32.27	60.23	154.8	131.8	110.6	111.2	75- 80	86.29	8074
85.0	13.03	13.17	9.870	17.39	56.57	36.27	31.09	32.61	80- 85	26.94	8101
90.0	9.775	7.649	4.935	7.659	16.88	10.41	11.35	8.203	85- 90	8.626	8109
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:  
Temperature:25.3DEG  
Operators:  
Test Date:2025.07.01

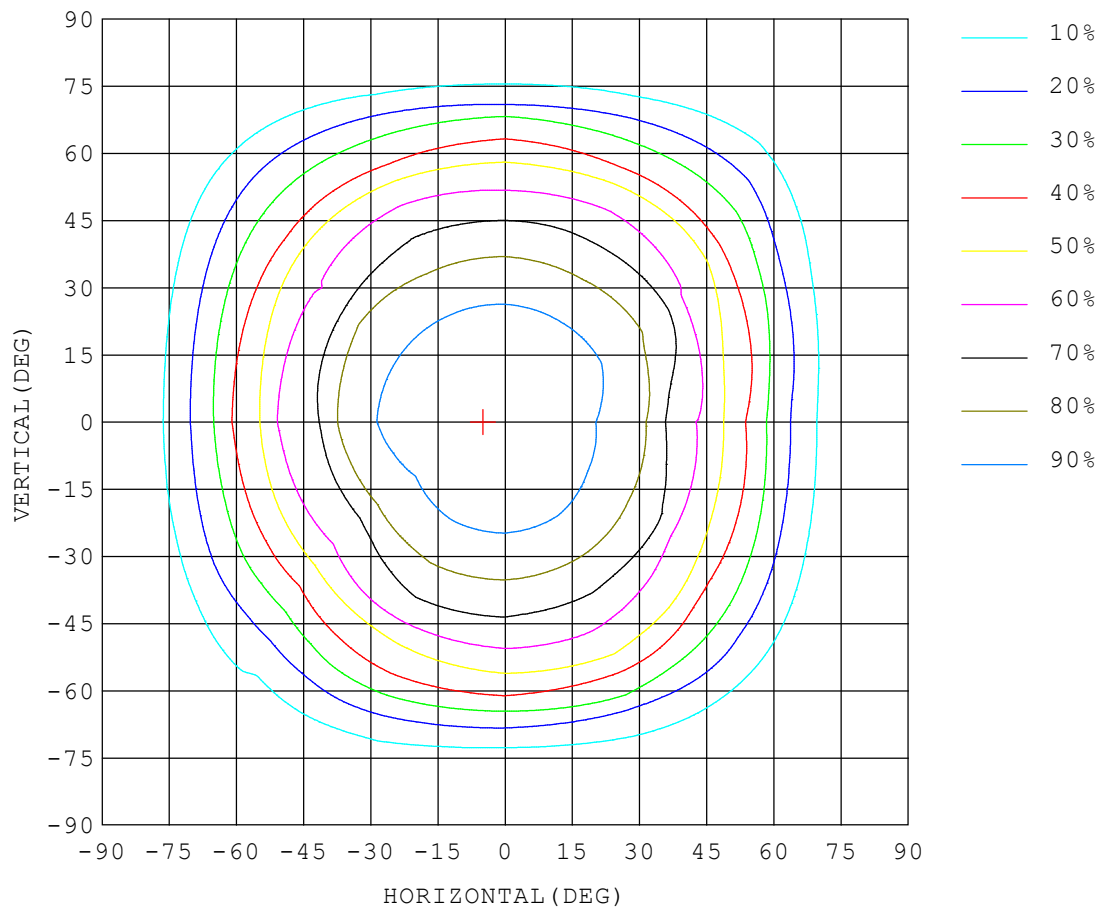
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Remarks:

## ISOCANDELA DIAGRAM

Report number:

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NAME: Agnes D	TYPE: IL-PO29D-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

UNIT: cd



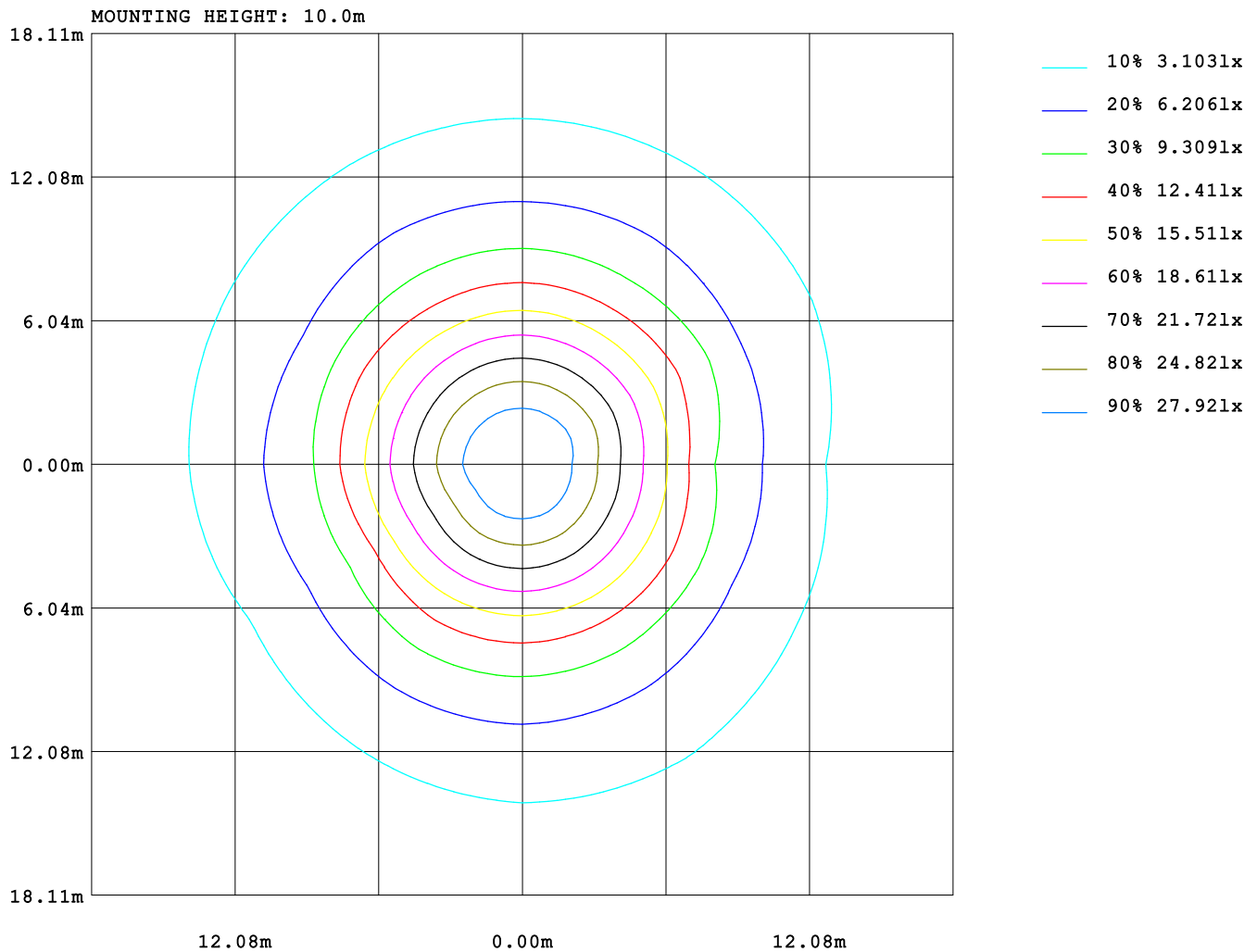
Test System:  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2025.07.01

Test Set: 5.0 deg/s C-Gamma (TYPE C)  
Humidity: 65.0%  
Test Distance: 10.000 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes D	TYPE: IL-PO29D-N0652C-110	WEIGHT:
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Test System:  
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Test Date: 2025.07.01

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Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes D	TYPE: IL-PO29D-N0652C-110	WEIGHT:
SPECIFICATION: 2835LED、3000K、110DEG	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3103	3103	3103	3103	3103	3103	3103	3103	3103	3103	3103	3103
5.0	3068	3080	3086	3092	3094	3086	3110	3105	3098	3096	3092	3097
10.0	3007	3023	3047	3052	3054	3046	3093	3079	3068	3061	3055	3062
15.0	2914	2941	2977	2986	2991	2972	3053	3037	3014	3007	2999	3009
20.0	2805	2833	2885	2902	2904	2875	2978	2966	2942	2932	2918	2920
25.0	2681	2705	2770	2794	2795	2763	2882	2858	2840	2828	2810	2806
30.0	2533	2556	2628	2661	2653	2628	2769	2743	2706	2701	2672	2677
35.0	2253	2401	2456	2498	2495	2389	2632	2597	2553	2549	2514	2526
40.0	1944	2204	2266	2309	2309	2086	2260	2423	2377	2377	2331	2360
45.0	1789	1814	2055	2134	2096	1901	2095	2022	2177	2176	2158	2011
50.0	1424	1603	1854	1899	1809	1677	1899	1862	1981	1944	1930	1784
55.0	1190	1276	1595	1624	1488	1298	1533	1650	1732	1730	1682	1562
60.0	847	981	1208	1318	1233	1036	1289	1262	1331	1442	1282	1183
65.0	558	654	899	859	873	714	937	1020	1039	1133	994	928
70.0	281	369	465	537	491	427	639	683	739	696	660	621
75.0	109	130	197	257	207	173	363	394	318	372	307	319
80.0	45.1	39.5	51.6	32.2	67.5	52.9	155	150	114	111	109	113
85.0	13.0	7.00	19.3	9.87	23.0	11.7	56.5	47.3	25.1	31.0	22.5	42.7
90.0	9.77	4.73	10.5	4.93	10.6	4.64	16.8	15.0	5.82	11.3	4.74	11.6

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